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The Gazette of India

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सं० 12] नई दिल्ली, शनिवार, मार्च 22, 1980 (चैत्र 2, 1902)

No. 12] NEW DELHI, SATURDAY, MARCH 22, 1980 (CHAITRA 2, 1902)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 22nd March 1980
CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 15th September 1979 under the heading "Patents sealed" delete 145704.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

14th February, 1980

167/Cal/80. Euteco Impianti S.p.A. Process for the thermal decomposition of phenol pitch.

168/Cal/80. Isover Saint-Gobain. U-shaped plasterboard.

169/Cal/80. Leybold-Heraeus GmbH. An electrode clamping device for electroremelting plants.

170/Cal/80. Nauchno-Issledovatel'sky Institut Metallurgii. Method and apparatus for powder scarfing of metal.

171/Cal/80. Horizon Manufacturing Corporation. A fuel system and method.

15th February, 1980

172/Cal/80. E.N.I. Entenazionale Idrocarburi. Method for producing fructose and fructose syrups.

173/Cal/80. E.N.I. Ente Nazionale Idrocarburi. Process for the preparation of microporous bodies which occlude one or more active agents.

174/Cal/80. Mobil Oil Corporation. Reforming catalyst of separate platinum-containing and iridium-containing particles and reforming process using same.

175/Cal/80. Mobil Oil Corporation. Separately supported polymetallic reforming catalyst.

176/Cal/80. Instytut Chemii Przemyslowej and Kutnowskie Zakłady Farmaceutyczne "Polfa". A process for isolation of gibberelins, especially of gibberlinic acid, from residual biosynthetic solution.

177/Cal/80. Nauchno-Issledovatel'sky Institut Poroshkovoi Metallurgii Belorusskogo Politekhnikheskogo Instituta. Sintered iron-based friction material.

178/Cal/80. Sudhir Kumar Dhar. Water level indicator.
18th February, 1980

179/Cal/80. CPC International Inc. Glucose isomerase immobilized on porous phenolic resin support and method employing same.

180/Cal/80. Sushil Kumar Sharma. Milling machine for sharpening of CTC segments.
19th February, 1980

181/Cal/80. The B. F. Goodrich Company. Method of preparing spherical porous bead-type polymers.

182/Cal/80. Michelin & Cie (Compagnie Generale des Etablissements Michelin). Method of Manufacturing tire bead rings.

183/Cal/80. Maschinenfabrik Rieter A.G. Travelling scanning apparatus for successively scanning the working conditions at each spinning position of a ring spinning machine.

184/Cal/80. J. Krings. Laser system for aligning elongated Construction elements.

185/Cal/80. Siemens Aktiengesellschaft. Method of braking a three-phase asynchronous machine.

20th February, 1980

186/Cal/80. Amitangshu Bhusan Sarkar. Gripper conveyor.

187/Cal/80. A/S N. Foss Electric. Improvements in refractometers.

[Addition to No. 798/Cal/79]

188/Cal/80. Corning Glass Works. Method of forming a substantially continuous optical waveguide and article formed thereby.

189/Cal/80. Maschinenfabrik Rieter A.G. Drive apparatus of a can for depositing textile fibre slivers in spinning preparatory machines. (February 20, 1979).

190/Cal/80. R. F. Blaser. Energy conversion cycle for internal combustion engine and apparatus for carrying out the cycle.

191/Cal/80. JK Batteries. A dry cell.

192/Cal/80. JK Batteries. A dry cell.

193/Cal/80. OY Lohja AB. Method and apparatus for performing growth of compound thin films.

194/Cal/80. Westinghouse Electric Corporation. Slip recovery system for wound rotor motor.

APPLICATION FOR PATENTS AT THE (DELHI BRANCH)

16th February, 1980

28/DEL/80. Avco Corporation, "Coal Gasification Process."

17th February, 1980

29/DEL/80. Werner Weber Holding Ag., "Holder for liquid packaging containers."

18th January, 1980

30/DEL/80. The General Tire & Rubber Company, "An Adhesive for Bonding Steel to Rubber."

19th January, 1980

31/DEL/80. Research Designs & Standards Organisation, Ministry of Railways, Modified Centre Buffer Coupler for Railway Rolling Stock Fitted with Screw Coupling."

32/DEL/80. Dr. T.K. Ghose & Dr. Vikram Sahai, "A Process."

33/DEL/80. Dr. T.K. Ghose & Dr. R. D. Tyagi, "A Process."

34/DEL/80. Dr. T.K. Ghose, and Dr. R. D. Tyagi, "A Process."

35/DEL/80. Dr. T.K. Ghose and Mr. K. K. Bandyopadhyay, "A Process."

36/DEL/80. Dr. T.K. Ghose and Mr. V. Kannan, "A Process."

37/DEL/80. Mr. Brahma Kumar Dwarka Prasad Chaurasia, "An Improved Bicycle."

21st January, 1980

38/DEL/80. Spirax Sarco Limited. "Steam Traps." (January 26, 1979).

39/DEL/80. Societe D'Etudes De Machines Thermiques S.E.M.T., "Improvements in or relating to a method of improving the efficiency of an internal combustion engine, particularly a supercharged engine."

40/DEL/80. Union Carbide Corporation, "Method for increasing Vessel Lining Life for Basic Oxygen Furnaces."

41/DEL/80. Southwire Company, "Continuous Cast Steel Product Having Reduced Microsegregation."

22nd January, 1980

41/DEL/80. Baldeo Prasad Pande, "An Improved Umbrella."

43/DEL/80. Council of Scientific & Industrial Research, "A Digital Sine and Cosine Function Generator Particularly Suited for Power Spectral Density Analyser Instruments."

23rd January, 1980

44/DEL/80. Etablissements Pompes Guinard, "Solar Cook-stove."

45/DEL/80. Chemische Fabrik Stockhausen & Cie, "Vapor Phase Preparation of α , β -Unsaturated Carboxylic Acid N-Substituted Amides."

46/DEL/80. Suchi Chiou, "A Multi-Purpose Telephone of Micro-Process."

APPLICATIONS FOR PATENTS FILED AT THE (BOMBAY BRANCH)

The 28th January 1980

18/Bom/1980. Hemant Ganesh Kelkar, A New Drive Unit.

1st February 1980

19/Bom/1980. Century Rayon, A device for extricating a removably fixed plug from its electric contact.

2nd February 1980

20/Bom/1980. Dr. Theckumparambil Mathew Paul, A Pollution-Free Septic Tank.

APPLICATIONS FOR PATENTS FILED AT THE (MADRAS BRANCH)

31/MAS/80. Sri Aurobindo Society. Improvements in or relating to construction of buildings.

32/MAS/80. S. Alums. Invention under Trade Name of "SURYA" brand Non-Ferrous Aluminium Sulphate which is an improvement in and or relating to manufacturing of the said compound by an invented process known as "ALCOSA PROCESS".

ALTERATION OF DATE

147504.

93/Mas/77. Post-dated 28th September, 1979.

147506.

766/Cal/78. Ante-dated 10th November, 1976.

147512.

916/Cal/77. Ante-dated 20th September, 1974.

147513.

917/Cal/77. Ante-dated 20th September, 1974.

147517.

403/Cal/78. Ante-dated 30th November, 1976.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 198D.

147501.

Int. Cl.-B01d 21/00.

A PROCESS FOR THE SEPARATION OF ASH FROM COAL LIQUIDS WITH INTERMITTENT ADDITION OF AN ADDITIVE.

Applicant : GULF RESEARCH & DEVELOPMENT COMPANY, P.O. BOX 2038, PITTSBURGH, PENNSYLVANIA 15230, UNITED STATES OF AMERICA.

Inventors : NORMAN LOREN CARR AND EDGAR LEE MCGINNIS.

Application No. 253/Cal/78 filed March 9, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

In a process for removing ash from coal including a dissolving step wherein coal hydrocarbonaceous material is dissolved with a hydroaromatic solvent such as hereinbefore described to produce an effluent stream comprising dissolved coal liquid, hydroaromatics and suspended ash-containing solids, and passing said effluent stream to a solids-liquid separation step the improvement comprising adding separate increments of alcohol to said effluent stream in advance of said solids-liquid separation step with a time interval of 30 seconds to 3 hours between the addition of said increments, said alcohol comprising an aliphatic alcohol containing from 2 to 10 carbon atoms which forms a homogeneous composition within said coal liquid, said alcohol being added to said effluent stream while the temperature of said stream is from 100 to 700°F., the concentration of said alcohol being from 0.05 to 15 weight percent of said effluent stream.

Comp. Specn. 20 Pages.

Drg. 1 Sheet.

CLASS 198D.

147502.

Int. Cl.-B01d 21/00.

PROCESS FOR SEPARATION OF SOLIDS FROM COAL LIQUIDS WITH AN ADDITIVE BLEND.

Applicant : GULF RESEARCH & DEVELOPMENT COMPANY, P.O. BOX 2038, PITTSBURGH, PENNSYLVANIA 15230, UNITED STATES OF AMERICA.

Inventors : NORMAN LOREN CARR AND EDGER LEE MCGINNIS.

Application No. 254/Cal/78 filed March 9, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

In a process for removing ash from coal including a dissolving step wherein coal hydrocarbonaceous material is dissolved with a hydroaromatic solvent such as herein described to produce an effluent stream comprising dissolved coal liquid, hydroaromatics and suspended ash-containing solids, and passing said effluent stream to a solids-liquid separation step, the improvement comprising adding a blend comprising alcohol and a light oil fraction boiling no higher than 500°F. where the light oil fraction is a petroleum fraction, and boiling no higher than 358°F. where the light oil fraction is a coal liquid, to said effluent stream in advance of said solids-liquid separation step, said alcohol comprising an aliphatic alcohol containing between 2 and 10 carbon atoms which forms a homogeneous composition within said coal liquid.

Comp. Specn. 22 Pages.

Drg. 1 Sheet.

CLASS 198D.

147503.

Int. Cl.-B01d 21/00.

A PROCESS FOR SEPARATION OF SOLIDS FROM COAL LIQUIDS USING AN ADDITIVE.

Applicant : GULF RESEARCH & DEVELOPMENT COMPANY, P.O. BOX 2038, PITTSBURGH, PENNSYLVANIA 15230, UNITED STATES OF AMERICA.

Inventors : NORMAN LOREN CARR AND EDGER LEE MCGINNIS.

Application No. 255/Cal/78 filed March 9, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

In a process for removing ash from coal including a dissolving step wherein coal hydrocarbonaceous material is dissolved with a hydroaromatic solvent such as hereinbefore described to produce an effluent stream comprising dissolved coal liquid, hydroaromatics and suspended ash-containing solids, and passing said effluent stream to a solids-liquid separator step, the improvement comprising adding, but not incrementally to said effluent stream in advance of said solids-liquid separation step and aliphatic alcohol containing from 2 to 10 carbon atoms which forms a homogeneous composition within said coal liquid, said alcohol being added to said effluent stream while the temperature of said stream is from 100 to 700°F., the concentration of said alcohol being from 0.05 to 15 weight percent of said effluent stream.

Comp. Specn. 18 Pages.

Drg. 1 Sheet.

CLASS 63 I & 135.

147504.

Int. Cl.-F03g 3/08 & F03g 7/00.

IMPROVEMENTS IN OR RELATING TO MAGNETIC MOTOR.

Applicant & Inventor : KALAGATTADA SHIVAPPA BASAVA RAJ, BHAKTI BHANDARI AGENCIES, MAN-DIPET, DAVANGERE, KARNATAKA STATE, INDIA.

Application No. 93/Mas/77 filed May 25, 1977.

Complete Specification left March 27, 1978.

Post-dated to September 28, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

13 Claims.

An improved magnetic motor consisting of a base member constituting the stator, a shaft member constituting the rotor mounted rotatably on the said stator, a pair of oppositely disposed connecting elements made of non-magnetic material, provided with said rotor and disposed at right angles therewith, each of said connecting elements being provided with a permanent magnet slidably disposed between two pins provided on each of said connecting elements, two stationary electro magnets, one of which is mounted on the upper and the other on the lower part of the said stator, one of the said stationary magnets being located within the magnetic field of one of the magnets provided on one of the said connecting elements, while the other is located within the magnetic field of the other magnet provided on the other of the said connecting elements, the said stationary electro magnets being arranged in repulsive relation to the corresponding magnets provided on the said connecting elements, and a means for initial rotation of the said rotor.

(Prov.-3 pages; Com.-10 pages; Drwgs.-1 sheet).

CLASS 53 A.

147505.

Int. Cl.-B60 n 1/06.

AN ATTACHMENT FOR VEHICLES SUCH AS MOTORBIKES, BICYCLES, SCOOTERS, MOPEDS AND THE LIKE.

Applicant & Inventor : TIRUPONITHURA VENKATARAMAN ANANTHANARAYANAN, 74/75, ARYA GOWDER ROAD, WEST MAMBALAM, MADRAS 600 033, TAMIL NADU, INDIA.

Application No. 197/Mas/77 filed December 26, 1977.

Complete Specification left March 9, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims.

An attachment for vehicles such as motorbikes, bicycles, scooters, mopeds, and the like, comprising a first means having a back rest and a side rest, a second means adapted to be pivotally attached between the said first means and the carrier frame or the frame of the seat of the aforesaid vehicle, and a further means adapted to fix the said attachment in a desired position or to collapse the said attachment.

(Prov.-5 pages; Com.-11 pages; Drwgs.-2 sheets).

CLASS 32F**b** & 55F₄.
Int. Cl.-C07d 99/04.

147506.

PROCESS FOR THE PRODUCTION OF NEW QUIN- UCLIDINE COMPOUNDS.

Applicant : MUNDIPHARMA A.G., OF ST. ALBAN-
VORSTADT 94, POSTFACH CH-4006, BASEL, SWITZER-
LAND.

Inventors : ABRAHAM FISHER AND SASSON COHEN.

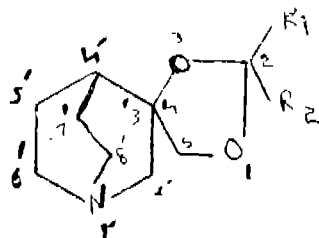
Application No. 766/Cal/78 filed July 11, 1978.

Division of Application No. 2027/Cal/76 filed November 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the production of a spiro (1, 3-dioxolane-4, 3') quinuclidine of the general formula as shown in Fig. II.



in which R₁ and R₂ which may be the same or different, each represent hydrogen or an alkyl or aryl group which comprises reacting quinuclidine-3-epoxide with a carbonyl compound of the formula R₁R₂Co.

Comp. Specn. 10 Pages.

Drg. 1 sheet.

CLASS 64B₁.

147507.

Int. Cl.-H01r 3/00.

AN ELECTRICAL CONNECTOR.

Applicant & Inventor : SUNIL KUMAR BHAREL, OF 17, CAMAC STREET, CALCUTTA, INDIA.

Application No. 54/Cal/78 filed January 16, 1978.

Complete Specification left March 22, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A connector for holding two or more conductors comprising a housing in the form of a cap with an open end and a closed end, said housing having a first and second inner surface, each of said surfaces being tapered, at least said first inner surface having threads thereon, said first inner surface adapted to grip the naked part of the conductors.

Prov. Specn. 6 Pages. Comp. Specn. 10 Pages. Drg. 1 sheet.

CLASS 98-I.

147508.

Int. Cl.-F24j 3/02.

A SOLAR WATER HEATER.

Applicant & Inventor : DR. GRAY WARD, OF 215 BEN-
TON HALL, COLLEGE OF ENGINEERING, UNIVERS-
ITY OF FLORIDA, GAINESVILLE, FLORIDA, U.S.A.
32611.

Application No. 339/Cal/78 filed March 29, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A solar water heater, comprising an insulated chamber having a collector disposed therein an inlet and outlet header connected to said collector a storage tank connected to said

headers, said collector consisting of a collector plate of steel having a plurality of parallel galvanized pipes held to the plate by means of seam welding, characterized in that the inlet header and the outlet header on either end of the said pipes are so disposed as to provide inflow into and outflow therefrom respectively in the same direction.

Comp. Specn. 10 Pages.

Drg. 1 Sheet.

CLASS 39G.

147509.

Int. Cl.-C01f 7/56.

METHOD OF PRODUCING HIGH PURITY ALUMI- NUM CHLORIDE.

Applicant : ALUMINUM COMPANY OF AMERICA,
OF ALCOA BUILDING, PITTSBURG, STATE OF PEN-
NSYLVANIA, UNITED STATES OF AMERICA.

Inventors : STANLEY CARLTON JACOBS, BERNARD
JOHN RACUNAS AND LARRY KEITH KING.

Application No. 32/Del/78 filed January 13, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

A process for the production of aluminum chloride suitable for subsequent electrolytic reduction by condensation of gaseous aluminum chloride in a fluidized bed of aluminum chloride particles, which comprises passing the aluminum chloride into the bed at an entrance velocity of from 18 meters/second to 90 meters/second.

Comp. Specn. 15 Pages.

Drg. 2 Sheets.

CLASS 40F & 55F.

147510.

Int. Cl.-A01m 1/04.

ELECTRICAL DEVICE FOR KILLING INSECTS AND PESTS.

Applicant & Inventor : DAVID SUSHIL PILLAI, OF L-
18, RAJOURI GARDEN, NEW DELHI-110027, INDIA.

Application No. 144/Del/78 filed February 23, 1978.

Complete Specification left February 22, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

An electrically operable device for killing insects comprising an electrical source of light having a wave-length between 350 to 500 manometers, a plurality of first and second electrodes disposed in a spaced and alternate relationship to each other, said electrodes disposed around said source of light, said first electrodes being connected to a power source through a first terminal block, said second electrodes connected to a power source through a second terminal block.

Prov. Specn. 5 Pages. Comp. Specn. 9 Pages. Drg. 1 Sheet.

CLASS 32F_{9a}.

147511.

Int. Cl.-C07c 69/82, 67/00.

AN IMPROVED PROCESS FOR THE RECOVERY OF DIMETHYL TEREPHTHALATE (DMT) FROM POLY (ETHYLENE TEREPHTHALATE) POLYMER WASTE.

Applicant : SIR BADAMPAT RESEARCH CENTRE, A
DIVISION OF J.K. SYNTHETICS LTD., JAYKAYNAGAR,
KOTA-324003.

Inventors : MATHAV NARAYAN MARATHE, DR.
DATTAPRASAD ACHUT DABHOLKAR AND MUKESH
KUMAR JAIN.

Application No. 337/Del/78 filed May 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

An improved process for the recovery of dimethyl terephthalate (DMT) from poly (ethylene terephthalate) waste in a conventional, high pressure cracking by methanolysis reaction using methanol, zinc acetate or any other conventional

catalyst and high pressure to convert polyester waste into dimethyl terephthalate; the improvement of the process consists in the incorporation in the reaction mixture, before or after cracking the polyester, or a second catalyst as hereinbefore defined, capable of converting the by-product formed in the reaction into dimethyl terephthalate, thereby substantially increasing the overall yield of the reaction.

Comp. Specn. 10 Pages.

Drg. 1 Sheet.

CLASS 31A.

147512.

Int. Cl.-B28b 1/00.

A CAPACITOR AND A PROCESS FOR MAKING SAID CAPACITOR.

Applicant : NL INDUSTRIES INC., OF 1221 AVENUE OF THE AMERICA, NEW YORK, NEW YORK 10020, UNITED STATES OF AMERICA, FORMERLY OF 111 BROADWAY, NEW YORK, NEW YORK-10006, UNITED STATES OF AMERICA.

Inventors : TRUMAN CLIFFORD RUTT AND JAMES ALBERT STYNES.

Application No. 916/Cal/77 filed June 18, 1977.

Division of application No. 2096/Cal/74 filed September 20, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A capacitor comprising a sintered, unitary, ceramic body including a plurality of superposed dielectric strata and electrically conducting layers, said strata being of dense ceramic material integrally sintered together at a plurality of edge portions thereof to form a monolithic matrix at least one of the said conducting layers intervening between an adjacent pair of said strata, at least one distinct pillar of ceramic material or of refractory metal and extending between and contacting the adjacent strata and with its sides being surrounded by said conducting layers, and electrical connections to the said conducting layers.

Comp. Specn. 35 Pages.

Drg. 2 Sheets.

CLASS 31A.

147513.

Int. Cl.-B28b 1/00.

A MULTILAYER CIRCUIT STRUCTURE AND A PROCESS FOR PREPARING THE SAID STRUCTURE.

Applicant : NL INDUSTRIES INC., OF 1221 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10020, UNITED STATES OF AMERICA, FORMERLY OF 111 BROADWAY, NEW YORK, NEW YORK-10006, UNITED STATES OF AMERICA.

Inventors : TRUMAN CLIFFORD RUTT AND JAMES ALBERT STYNES.

Application No. 917/Cal/77 filed June 18, 1977.

Division of Application No. 2096/Cal/74 filed September 20, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A multilayer circuit structure comprising a relatively thin unitary body of a sintered, electrically insulating, ceramic composition, said body having at least one internal electrical conductor in a channel of predetermined size and shape that extends to at least one surface of the said body and is of small cross-section relative to said body, said channel having therein one or more distinct pillars of ceramic material or of refractory metal, said pillar or pillars extending between and contacting the top and bottom of said channel, and the said pillars being separate when there are a plurality thereof.

Comp. Specn. 32 Pages.

Drg. 2 Sheets.

CLASS 5D & 173B

147514.

Int. Cl.-A01g 25/00.

IMPROVEMENTS IN OR RELATING TO SPRINKLER.

Applicant & Inventor : DIPL. ING. GERHARD BRAN DL, LFONHARDSTRASSE 79, A 8010 GRAZ (STEIER-MARK), AUSTRIA.

Application No. 1061/Cal/77 filed July 11, 1977.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A sprinkler comprising (a) stationary tubular housing having an axis, the housing defining an axially extending inner surface, (b) a water inlet pipe mounted coaxially in the housing for rotation in relation thereto, the inlet pipe having (1) an axially extending outer surface, the surfaces forming a gliding bearing between the stationary housing and the rotatable inlet pipe, (2) a water inlet at one end of the pipe for connection to a source of water under pressure, and (3) a water outlet at the other end of the pipe for discharging the water under pressure when the inlet is connected to the water source, the reaction force of the discharged water causing the water inlet pipe to rotate about the axis, (c) a very viscous lubricant filling the gliding bearing between the surface, the viscosity of the lubricant being such that the resistance of the bearing to the rotation of the inlet pipe is approximately proportional to the rotary speed of the pipe, and (d) a water outlet pipe connected to the water outlet for rotation with the inlet pipe, the outer pipe carrying a nozzle for sprinkling the discharged water.

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 163B.

147515.

Int. Cl.-F16h 39/24.

IMPELLER.

Applicant : OY E. SARLIN AB, KAIVOKSALA, FINLAND.

Inventor : HANNU SARVANNE.

Application No. 682/Cal/1977 filed May 9, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Impeller with one or several vanes and of enclosed construction, and having at least one side plate as separate component characterized in that said side plate is affixed to the body by means of a shrink-on joint.

Comp. Specn. 4 Pages.

Drg. 1 Sheet.

CLASS 40F.

147516.

Int. Cl.-B01j 1/00.

LOW PRESSURE DROP HETEROGENEOUS REACTOR AND PROCESS.

Applicant & Inventor : LADISLAV JOSEPH PIRCON, OF 305, CANTERBERRY LANE, OAK BROOK, ILLINOIS 60521, UNITED STATES OF AMERICA.

Application No. 23/Cal/78 filed January 6, 1978.

Convention date November 16, 1977/(47618/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A low pressure drop apparatus for promoting heterogeneous chemical reactions and physical processes in a gas stream comprising a casing which is substantially liquid and gas tight having a gas inlet in one end and a gas outlet in the other end; means in said one end of said casing for introduction of reactant liquids and solids; conical nozzle means within said casing having an entry at one end in communication with said gas inlet and an outlet at the other end, said entry being in substantially closed relation to said cas-

ing to a void substantially by pass of said nozzle and having an effective cross-sectional area of 2 to 64 times the effective cross-sectional area of said outlet and the mean angle of convergence of said nozzle being 6 to 20°; means for removing liquid and particulate matter from said casing following desired reaction; and means for removing the gas separately from the liquid and particulate matter from said other end of said casing.

Comp. Specn. 31 Pages.

Drg. 1 Sheet.

CLASS 32F₁ & F_{2a} & F_{2b} & F_{2c} & F_{2d} & 55D₂ . 147517.

Int. Cl.-C07c 125/06, A01n 9/12, 9/20, 9/24.

A PROCESS FOR PREPARING CARBAMATE-CARBAMOYL FLUORIDE COMPOUNDS.

Applicant : UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : WEI CHUAN LIANG.

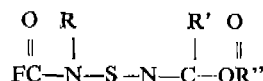
Application No. 403/Cal/78 filed April 11, 1978.

Division of Application No. 2135/Cal/76 filed November 30, 1976.

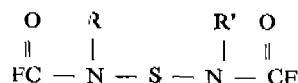
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

A process of preparing a compound of the formula :



which comprises reacting a compound of the formula HOR'' in the presence of an acid acceptor with a compound of the formula :



wherein : R and R' are the same or different and are alkyl groups having from one to four carbon atoms, R'' is a substituted or unsubstituted alkyl, cycloalkyl, phenylalkyl, naphthylalkyl or heterocycloalkyl group wherein the heterocyclic moiety is a five or six member alicyclic ring which includes in any combination, one or two oxygen, sulfur, sulfinyl or sulfonyl groups and which may also include one divalent amino, alkylamino or carbonyl group; wherein the permissible substituents on said groups are one or more halogen, nitrile, alkyl, alkylthio, alkoxy, alkyl-sulfinyl, alkylsulfonyl, alkoxy-carbonyloxyalkylamino, or alkylcarbonylamino groups in any combination R'' is alkoxyalkyleneoxyalkyl, alkoxy (dialkyleneoxy) alkyl or alkoxy (trialkyleneoxy) alkyl; with the proviso that except where R'' is alkyl, no single alkyl or alkylene moiety in any R'' group may include more than six carbon atoms.

Comp. Specn. 11 Pages.

Drg. Nil.

CLASS 112F & 146D₂.

147518.

Int. Cl.-G02b 5/08, A45d 42/00, 42/08, 42/18.

METHOD OF MANUFACTURING MIRRORS AND MIRRORS SO OBTAINED.

Applicant : BEG GLASSGROUP, OF RUE CAUMARTIN 43, PARIS, FRANCE.

Inventors : JACQUES DUCHATEAU AND MAURICE NICOLAS.

Application No. 451/Del/78 filed June 19, 1978.

Convention date June 28, 1977/(27026/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

38 Claims.

A method of manufacturing a mirror, wherein mirror elements are fixed to a support, comprising selecting a former of shape complementary to the shape of the desired mirror surface, applying to such former a plurality of thin mirror elements each constituted by a glass element having a metallic reflective coating on one face thereof, providing for an adhesive between the mirror element and the support and applying and adhesively bonding directly to such mirror elements a preformed, substantially rigid, unitary structural support.

Comp. Specn. 32 Pages.

Drg. 3 Sheets.

CLASS 56A.

147519.

I.C. F28b 1/00, 3/00.

"A DEVICE FOR CONDENSING CONDENSABLE VAPOUR CONTAINED IN A GAS".

Applicant : GIRISHCHANDRA CHHOTABHAI PATEL, SWASTIK SALES CORPORATION, JEMSON'S HOUSE, SUBHASH ROAD, ANAND-388 001, GUJARAT, INDIA.

Application No. 263/Bom/1978 filed 31 Aug. 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

A device for condensing condensable vapour contained in a gas comprising a chamber having a gas inlet and one or more gas outlets and defining a channel internally which channel communicates with the chamber at the bottom and is provided with a coolant inlet and a coolant outlet, and means for directing the inflowing gas towards the bottom of the chambers.

Comp. Specn. 5 Pages.

2 Drawing Sheets.

CLASS 150F.

147520.

Int. Cl.-F161 21/04.

A METHOD OF, AND APPARATUS FOR MANUFACTURE OF ELASTO-RIGID MEMBERS FOR USE AS JOINTING AND/OR COUPLING MEMBERS.

Applicant & Inventor : RAMACHANDRAN RAMAMOORTHY, No. 2, KAMARAJ AVENUE, ADYAR, MADRAS-600 020, TAMIL NADU, INDIA.

Application No. 40/Mas/78 filed March 20, 1978.

Complete Specification left March 16, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims.

A method of manufacture of an elasto-rigid member for use as a jointing and/or coupling member, said elasto-rigid member being constituted by two co-axial rigid members and an elasto member, the rigid members being disposed in spaced relationship one within the other so as to leave a gap or recess all around therebetween and the elastic member having a section larger than the section of the said gap or recess, said method comprising the steps of placing two guides on the rigid members, said guides being positioned in spaced relationship one within the other so as to leave a second gap or recess in line with the first gap or recess, the said second gap or recess having a section readily receiving the section of the elastic member, inserting the elastic member into the second gap or recess and pressing the said elastic member therein towards the first gap or recess, whereby the said elastic member is forced into the first gap or recess to be wedged therein.

(Prov.-4 pages; Com.-9 pages;

Drg.-1 sheet).

CLASS 123.

147521.

Int. Cl.-C06f 11/00.

A METHOD OF PREPARATION OF A FERTILISER.

Applicant & Inventor : CHIRANJILALI HARIPRASAD OF "GANGA", 90, MOWBRAYS ROAD, MADRAS 600 018, TAMIL NADU, INDIA.

Application No. 64/Mas/77 filed March 31, 1977.

Complete Specification left June 20, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims. No drawings.

A method of preparation of a fertiliser comprising the burning of palmyrah palm so as to obtain (by known means) soot and ash; mixing the soot and ash so obtained together and subsequently moistening the mixture with water.

(Prov.-3 pages; Com.-5 pages).

CLASS : 62C 1 & 154H. 147522.

I.C. D06D 5/12.

RESIST PRINT PASTE.

Applicant : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION P.O. POLYTECHNIC, AHMEDABAD-380 015, GUJARAT, INDIA.

Inventors : (1) JAGDISHCHANDRA RAMANLAL MODI, (2) RAKESH MOHAN MITTAL AND (3) SURYAKANT SHIVSHANKAR TRIVEDI.

Application No. 189/Bom/1977 filed June 13, 1977.

Complete Specification Left on May 2, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims.

An improved resist printing paste for white and coloured resist printing under reactive dyes and in particular those based on amino chloro triazine (cyanuric chloride) on textiles being a printing paste of the kind described without or with a pigment colour or dye, according as it is for white resist or coloured resist printing, respectively, characterised in that there is incorporated in the paste at least one resisting agent selected from the groups consisting of citric acid, tartaric acid, chloroacetic acid, sulphamic acid, ortho phosphoric acid and their salts as herein described and at least one further resist agent selected from the group consisting of "acid or alkaline salts of aluminium, zinc and magnesium as herein described and organic compounds as herein define based on N-alkyl and N-alkylol amides".

Prov. Specn. 4 pages, Comp. Specn. 14 pages.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

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PATENT'S SEALED

138238 143458 144360 145550 145928 146045 146172 146561
146565 146578

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

| No. | Title of the invention |
|-------------------|--|
| 138614 (28-2-73) | Process for oxidising olefins. |
| 138621 (20-4-72) | A method of producing N-[S-(6-puriny)] thiovaleryl amino compounds. |
| 138633 (18-12-72) | Process for the preparation of new water soluble reactive dyestuff. |
| 138649 (5-9-75) | Method for purifying pentachlorophenol. |
| 138685 (24-9-73) | Process for preparing insecticidal composition containing D-cis transchrysathemate. |
| 138738 (14-8-73) | Method for preparation of sobrerol from L-pinone. |
| 138768 (30-10-72) | Method of preparing 1, 4-dicyanobutene. |
| 138769 (30-10-72) | Method of preparing 1, 2, 4-tricyanobutenes. |
| 138769 (30-10-72) | Method of preparing 1, 2, 4-tricyanobutenes. |
| 138784 (29-11-72) | Method for preparation of halophenoxyacetate compounds. |
| 138801 (4-3-74) | Process for combusting soot & other combustible constituents of an aqueous soot slurry. |
| 138849 (12-10-73) | Improved process of heat treating magnetic iron ore involving heat recuperation from cooling of the product. |
| 138855 (31-7-73) | Production of particulate plasticized nitrocellulose. |
| 138875 (23-4-74) | A process for cyclopentadiene manufacture. |
| 138878 (23-4-74) | A process for stabilising dicyclo pentadiene. |
| 138889 (1-5-73) | Process for preparing water soluble azo compounds. |
| 138896 (23-4-74) | A process for the conversion of cyclopentadiene into dicyclopentadiene. |
| 138932 (4-5-73) | Process for isolation of substantially pure erbotin. |
| 138937 (8-11-73) | Method and apparatus for the production of carbon black from liquid or gaseous hydrocarbon. |

RENEWAL FEES PAID

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101119 103430 103999 104159 104184 104200 104203 104306
104381 104431 104444 104532 104580 104594 104617 104618
104955 109403 109425 109614 109630 109695 109724 109752
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RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 102300 granted to Dr. Andrew Szegvari for an invention relating to "dispersing apparatus and its operation".

The patent ceased on the 29th October, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 1st December, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 22nd May 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 107817 granted to General Refractories Company for an invention relating to "refractory brick suspension arrangement."

The patent ceased on the 3rd November, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th November, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 22nd May 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 110833 granted to Dr. Andrew Szegvari for an invention relating to "agitator for use in producing Liquid dispersion."

The patent ceased on the 29th October, 1978 due to non-payment of renewal fees within the prescribed time and the

cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 1st December, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 22nd May 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 148246. Madhuri Mathur, an Indian National, Proprietrix, of Power Control and Appliances Company, F-11, Industrial Estate, Ambattur, Madras-600058, Tamil Nadu, India. "Whisker Blade". April 6, 1979.

Class 3. No. 148247. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "Table". April 6, 1979.

Class 3. No. 148248. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "Table". April 6, 1979.

Class 3. No. 148249. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "Chair". April 6, 1979.

Class 3. No. 148250. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "Table". April 6, 1979.

Class 3. No. 148251. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "Chair". April 6, 1979.

Class 3. No. 148252. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "Chair". April 6, 1979.

Class 3. No. 148253. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "Chair". April 6, 1979.

Class 3. No. 148254. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "a Seater Sofa". April 6, 1979.

Class 3. No. 148255. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "a Poufee". April 6, 1979.

Class 3. No. 148256. N. R. Jasani (a registered partnership firm) of Jayant Mahal, 'D' Road, Churchgate, Bombay-400020, State of Maharashtra, India. "a Sofa Chair". April 6, 1979.

S. VEDARAMAN,
 Controller-General of Patents,
 Designs and Trade Marks.